

Converting Colors

CIELCh(51, 56.066, 334.880)

Have a look what the booklet for
CIELCh(51, 56.066, 334.880)
contains.

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Color

CIELCh(51, 55.970, 334.901)

Conversions

Conversions Part 1

Format	Color
Hex	B954A3
RGB	185, 84, 163
RGB Percent	73%, 33%, 64%
CMY	0.2749, 0.6709, 0.3612
CMYK	0.00, 0.55, 0.12, 0.27
HSL	313°, 42%, 53%
HSV	313°, 55%, 73%
XYZ	29.7484, 19.2686, 36.7568
YIQ	123.2050, 34.8370, 45.9810

Conversions

Conversions Part 2

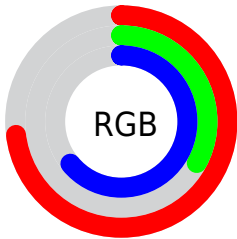
Format	Color
R_{YB}	185, 84, 163
Decimal	12145827
CIE _{Lab}	51.00, 50.69, -23.74
CIE _{LCh}	51, 55.970, 334.901
Yxy	19.2686, 0.3468, 0.2246
Android (android.graphics.Color)	4290335907 (0xFFB954A3)
YUV	123.2050, 19.6189, 54.1942
Hunter-Lab	43.8960, 44.1518, -18.9199

Details

The CIELCh color **51, 55.970, 334.901** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **68, 56.218, 146.099**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 55.753, 334.922**, and **31, 55.956, 334.825** is the 20% darker color. If you saturate the color by 10%, you get **48, 63.978, 335.700**, and if you desaturate by 10%, it is **55, 46.696, 334.148**.

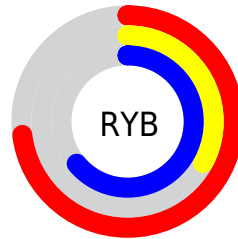
Distribution



Red (73%)

Green (33%)

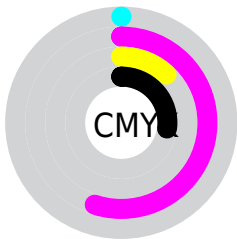
Blue (64%)



Red (73%)

Yellow (33%)

Blue (64%)

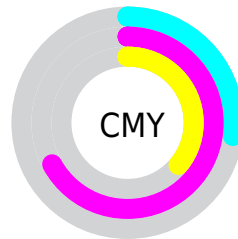


Cyan (0%)

Magenta (55%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (67%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 55.970, 334.901 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 51, 55.970, 334.901 by changing the saturation by 10% instead.


 51, 55.970,
334.901


 51, 55.970,
334.901


 100, 55.970,
334.901


 41, 55.970,
334.901


 71, 55.970,
334.901

 31, 55.970,
334.901

 81, 55.970,
334.901

 21, 55.970,
334.901

 91, 55.970,
334.901

 11, 55.970,
334.901

 1, 55.970, 334.901

 0, 55.970, 334.901

51, 55.970,
334.901

51, 55.970,
334.901

48, 63.978,
335.700

55, 46.696,
334.148

45, 70.251,
336.563

59, 36.620,
333.427

43, 74.400,
337.523

63, 26.114,
332.733

42, 76.276,
338.624

68, 15.460,
332.062


42, 76.718,
339.260

73, 4.853, 331.383

78, 5.581, 150.889

83, 15.769,
150.274

88, 25.672,
149.716

 93, 35.275,
149.191

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51, 55.970, 334.901



68, 56.218, 146.099

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51, 55.970, 334.901



51, 55.970, 24.901



51, 55.970, 154.901



51, 55.970, 204.901

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51, 55.967, 334.901



85, 20.912, 332.171



43, 60.789, 303.704



44, 14.122, 332.307



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51, 55.967, 334.901



61, 79.821, 335.905



49, 43.834, 4.833



36, 5.938, 331.711



35, 67.661, 339.080



3, 15.131, 334.844

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51, 55.967, 334.901



61, 79.821, 335.905



69, 36.887, 171.191



36, 5.938, 331.711



35, 67.661, 339.080



3, 15.131, 334.844

Previews

White Background



This preview shows how the CIELCh color 51, 55.970, 334.901 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 51, 55.970, 334.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

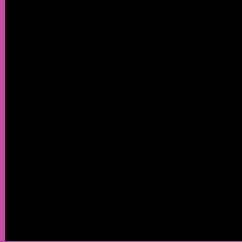
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 55.970, 334.901

Background



This preview shows how black text looks on a background with the CIELCh color 51, 55.970, 334.901.



This preview shows how white text looks on a background with the CIELCh color 51, 55.970, 334.901.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51, 55.970, 334.901

Protanopia

51, 41.544, 285.248

Deuteranopia

51, 21.586, 288.243



Tritanopia
51, 35.032, 17.722

Trichromacy



Original Color
51, 55.970, 334.901

Protanomaly
50, 43.935, 304.220

Deuteranomaly
50, 32.719, 315.020

Tritanomaly
51, 39.423, 356.931

Monochromacy



Original Color
51, 55.970, 334.901

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 22.195, 332.692

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 55.970, 334.901 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 84, 163)` looks like.

```
.text, #text, p{  
    color:rgb(185, 84, 163)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 84, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 84, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 55.970, 334.901 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 84, 163) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 84, 163) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(185, 84, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 84, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 84, 163);  
box-shadow:4px 4px 4px 4px rgb(185, 84,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 55.970, 334.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 84, 163) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185, 84,  
163) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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